

UC
4/24/2009

Possible
ODPs or at interference
for 95-100% new limitation

re greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES SEQ ID NO: 2753

Consolidated from
SCORE alignment

| | | % | | | | | | |
|--------|-------|-------|------|-------|-----------------------|--------------------|-------------|--|
| Result | Query | | No. | Score | Match Length | DB ID | Description | |
| 1 | 277 | 100.0 | 277 | 21 | US-09-237-183A-2753 | Sequence 2753, App | | |
| 2 | 275.4 | 99.4 | 676 | 28 | US-09-654-617-6839 | Sequence 6839, Ap | | |
| 3 | 275.4 | 99.4 | 676 | 28 | US-09-684-016-6839 | Sequence 6839, Ap | | |
| 4 | 275.4 | 99.4 | 676 | 82 | US-11-503-243A-6839 | Sequence 6839, Ap | | |
| 5 | 266 | 96.0 | 278 | 21 | US-09-263-191-16040 | Sequence 16040, A | | |
| 6 | 266 | 96.0 | 278 | 22 | US-09-304-517A-158513 | Sequence 158513, | | |
| 7 | 266 | 96.0 | 278 | 22 | US-09-371-146A-158513 | Sequence 158513, | | |
| 8 | 266 | 96.0 | 278 | 24 | US-09-531-113-888 | Sequence 888, App | | |
| 9 | 266 | 96.0 | 278 | 27 | US-09-615-606A-76177 | Sequence 76177, A | | |
| 10 | 266 | 96.0 | 278 | 36 | US-09-975-254-16040 | Sequence 16040, A | | |
| 11 | 266 | 96.0 | 278 | 37 | US-09-985-678-158513 | Sequence 158513, | | |
| 12 | 266 | 96.0 | 278 | 85 | US-11-790-576-76177 | Sequence 76177, A | | |
| 13 | 266 | 96.0 | 278 | 87 | US-11-976-766-888 | Sequence 888, App | | |
| 14 | 266 | 96.0 | 541 | 22 | US-09-304-517A-223564 | Sequence 223564, | | |
| 15 | 266 | 96.0 | 541 | 22 | US-09-371-146A-223564 | Sequence 223564, | | |
| 16 | 266 | 96.0 | 541 | 37 | US-09-985-678-223564 | Sequence 223564, | | |
| 17 | 266 | 96.0 | 541 | 93 | US-60-125-816-6977 | Sequence 6977, Ap | | |
| 18 | 266 | 96.0 | 687 | 32 | US-09-874-708A-89059 | Sequence 89059, A | | |
| 19 | 266 | 96.0 | 687 | 94 | US-60-211-750-87926 | Sequence 87926, A | | |
| 20 | 266 | 96.0 | 1736 | 41 | US-10-219-999-4367 | Sequence 4367, Ap | | |
| 21 | 266 | 96.0 | 1736 | 48 | US-10-612-783B-7860 | Sequence 7860, Ap | | |
| 22 | 266 | 96.0 | 1736 | 96 | US-60-312-544-1373 | Sequence 1373, Ap | | |
| 23 | 266 | 96.0 | 1851 | 73 | US-11-241-607-63472 | Sequence 63472, A | | |
| 24 | 266 | 96.0 | 1851 | 85 | US-11-787-902-3147 | Sequence 3147, Ap | | |
| 25 | 266 | 96.0 | 1851 | 101 | US-60-792-722-3147 | Sequence 3147, Ap | | |
| 26 | 266 | 96.0 | 1970 | 73 | US-11-216-545-3523 | Sequence 3523, Ap | | |
| 27 | 266 | 96.0 | 1970 | 100 | US-60-606-062-3523 | Sequence 3523, Ap | | |
| 28 | 266 | 96.0 | 4044 | 48 | US-10-612-783-399 | Sequence 399, App | | |
| 29 | 266 | 96.0 | 4044 | 48 | US-10-612-783A-399 | Sequence 399, App | | |
| 30 | 266 | 96.0 | 4044 | 48 | US-10-612-783B-399 | Sequence 399, App | | |

2008/0236321

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446

SEQ ID NO: 2252

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| 3 | 352 | 100.0 | 352 | 23 | US-09-440-687-4515 | Sequence 4515, Ap |
| 4 | 352 | 100.0 | 352 | 27 | US-09-615-606A-24345 | Sequence 24345, A |
| 5 | 352 | 100.0 | 352 | 37 | US-09-985-678-246524 | Sequence 246524, |

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| 6 | 352 | 100.0 | 352 | 73 | US-11-239-591A-4515 | Sequence 4515, Ap |
| 7 | 352 | 100.0 | 352 | 85 | US-11-790-576-24345 | Sequence 24345, A |
| 8 | 352 | 100.0 | 352 | 87 | US-11-978-195-4515 | Sequence 4515, Ap |
| 9 | 352 | 100.0 | 352 | 93 | US-60-144-084-228 | Sequence 228, App |
| 10 | 352 | 100.0 | 383 | 22 | US-09-371-146A-246524 | Sequence 246524, |

SEQ ID NO:2042

Result Query

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| 4 | 277 | 100.0 | 278 | 36 | US-09-978-703-24581 | Sequence 24581, A |
| 5 | 277 | 100.0 | 278 | 37 | US-09-987-899-4300 | Sequence 4300, Ap |
| 6 | 265 | 95.7 | 277 | 21 | US-09-244-000A-62998 | Sequence 62998, A |
| 7 | 265 | 95.7 | 277 | 26 | US-09-552-086-119 | Sequence 119, App |
| 8 | 265 | 95.7 | 277 | 36 | US-09-978-703-62998 | Sequence 62998, A |
| 9 | 265 | 95.7 | 277 | 76 | US-11-330-082-119 | Sequence 119, App |
| 10 | 265 | 95.7 | 283 | 22 | US-09-304-517A-108065 | Sequence 108065, |
| 11 | 265 | 95.7 | 283 | 22 | US-09-371-146A-108065 | Sequence 108065, |
| 12 | 265 | 95.7 | 283 | 37 | US-09-985-678-108065 | Sequence 108065, |
| 13 | 265 | 95.7 | 510 | 22 | US-09-304-517A-217653 | Sequence 217653, |
| 14 | 265 | 95.7 | 510 | 22 | US-09-371-146A-217653 | Sequence 217653, |
| 15 | 265 | 95.7 | 510 | 26 | US-09-552-086-15791 | Sequence 15791, A |
| 16 | 265 | 95.7 | 510 | 37 | US-09-985-678-217653 | Sequence 217653, |
| 17 | 265 | 95.7 | 510 | 76 | US-11-330-082-15791 | Sequence 15791, A |
| 18 | 265 | 95.7 | 532 | 22 | US-09-304-517A-216095 | Sequence 216095, |
| 19 | 265 | 95.7 | 532 | 22 | US-09-371-146A-216095 | Sequence 216095, |
| 20 | 265 | 95.7 | 532 | 26 | US-09-552-086-13034 | Sequence 13034, A |
| 21 | 265 | 95.7 | 532 | 37 | US-09-985-678-216095 | Sequence 216095, |
| 22 | 265 | 95.7 | 532 | 76 | US-11-330-082-13034 | Sequence 13034, A |
| 23 | 265 | 95.7 | 1483 | 41 | US-10-219-999-3649 | Sequence 3649, Ap |
| 24 | 265 | 95.7 | 1483 | 45 | US-10-425-114-7691 | Sequence 7691, Ap |
| 25 | 265 | 95.7 | 1483 | 45 | US-10-425-114A-7691 | Sequence 7691, Ap |
| 26 | 265 | 95.7 | 1483 | 82 | US-11-520-215-7691 | Sequence 7691, Ap |
| 27 | 264.6 | 95.5 | 273 | 21 | US-09-237-183A-2048 | Sequence 2048, Ap |
| 28 | 264.6 | 95.5 | 273 | 21 | US-09-244-000A-61954 | Sequence 61954, A |
| 29 | 264.6 | 95.5 | 273 | 21 | US-09-262-979-4305 | Sequence 4305, Ap |
| 30 | 264.6 | 95.5 | 273 | 26 | US-09-552-086-113 | Sequence 113, App |
| 31 | 264.6 | 95.5 | 273 | 36 | US-09-978-703-61954 | Sequence 61954, A |
| 32 | 264.6 | 95.5 | 273 | 37 | US-09-987-899-4305 | Sequence 4305, Ap |
| 33 | 264.6 | 95.5 | 273 | 76 | US-11-330-082-113 | Sequence 113, App |
| 34 | 264 | 95.3 | 276 | 28 | US-09-654-617-49357 | Sequence 49357, A |
| 35 | 264 | 95.3 | 276 | 28 | US-09-684-016-49357 | Sequence 49357, A |

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~~1~~ 119 100.0 119 21 US-09-237-183A-1108 Sequence 1108, Ap
~~2~~ 119 100.0 119 92 US-60-090-928-11 Sequence 11, Appl
~~2006/0044195~~ ← ~~(3)~~ 117.4 98.7 2155 73 US-11-218-305-9995 Sequence 9995, Ap
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~~5~~ 115.8 97.3 338 21 US-09-237-183A-1106 Sequence 1106, Ap
~~6~~ 115.8 97.3 338 92 US-60-090-928-12 Sequence 12, Appl
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~~7~~ 246 96.1 519 45 US-10-481-032A-1134 Sequence 1134, Ap
~~8~~ 246 96.1 643 32 US-09-865-419A-52132 Sequence 52132, A
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~~10~~ 246 96.1 1233 28 US-09-654-617-258359 Sequence 258359,
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~~14~~ 246 96.1 1281 82 US-11-514-704-1547 Sequence 1547, Ap
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~~18~~ 244.4 95.5 771 101 US-60-723-596-57486 Sequence 57486, A
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~~21~~ 244.4 95.5 1053 45 US-10-425-114A-19733 Sequence 19733, A

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~~38~~ 264 95.3 277 21 US-09-262-979-4293 Sequence 4293, Ap
~~39~~ 264 95.3 277 22 US-09-304-517A-105782 Sequence 105782,
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~~1~~ 119 100.0 119 21 US-09-237-183A-1108 Sequence 1108, Ap
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~~5~~ 115.8 97.3 338 21 US-09-237-183A-1106 Sequence 1106, Ap
~~6~~ 115.8 97.3 338 92 US-60-090-928-12 Sequence 12, Appl
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~~1~~ 256 100.0 256 21 US-09-237-183A-11 Sequence 11, Appl
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~~5~~ 256 100.0 256 37 US-09-985-678-2514 Sequence 2514, Ap
~~6~~ 256 100.0 256 37 US-09-987-899-3551 Sequence 3551, Ap
~~7~~ 246 96.1 519 45 US-10-481-032A-1134 Sequence 1134, Ap
~~8~~ 246 96.1 643 32 US-09-865-419A-52132 Sequence 52132, A
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~~10~~ 246 96.1 1233 28 US-09-654-617-258359 Sequence 258359,
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~~12~~ 246 96.1 1233 82 US-11-503-243A-258359 Sequence 258359,
~~13~~ 246 96.1 1281 73 US-11-218-305-1547 Sequence 1547, Ap
~~14~~ 246 96.1 1281 82 US-11-514-704-1547 Sequence 1547, Ap
~~2009/0082878~~ ← ~~(15)~~ 246 96.1 1331 45 US-10-425-115-4445 Sequence 4445, Ap
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| 22 244.4 95.5 1053 82 US-11-520-713-19735 | Sequence 19733, A |
| 23 244.4 95.5 1060 41 US-10-219-999-13986 | Sequence 13986, A |
| 24 244.4 95.5 1060 45 US-10-425-114-19695 | Sequence 19695, A |
| 25 244.4 95.5 1060 45 US-10-425-114A-19695 | Sequence 19695, A |
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| 266 96.0 424 5 BU578008 | BU578008 sar95h06. |
| 2 266 96.0 522 1 AW508197 | AW508197 si50d11.y |
| 3 266 96.0 541 1 AW508679 | AW508679 si35a12.y |
| 4 266 96.0 584 1 AW703686 | AW703686 sk23b07.y |
| 5 266 96.0 586 2 BE210588 | BE210588 so50e03.y |
| 6 266 96.0 589 1 AW234690 | AW234690 sf18b07.y |
| 7 266 96.0 602 1 AW203663 | AW203663 sf36g08.y |
| 8 266 96.0 609 1 AW707140 | AW707140 sk10b06.y |
| 9 266 96.0 619 2 BF071523 | BF071523 st62b11.y |
| 10 266 96.0 625 2 BF070628 | BF070628 st23b11.y |
| 11 266 96.0 704 2 BE660223 | BE660223 504 GmaxS |
| 12 266 96.0 745 6 CA800210 | CA800210 sat79e02. |
| 13 266 96.0 756 6 CA785138 | CA785138 sau25a05. |
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| 1 265 95.7 467 2 BF599084 | BF599084 sv25e05.y |
| 2 265 95.7 544 6 CA953079 | CA953079 sav52c05. |
| 3 265 95.7 577 3 BM892509 | BM892509 sam61b09. |
| 4 264 95.3 540 3 BM892267 | BM892267 sam58c12. |
| 5 264 95.3 709 1 AW472118 | AW472118 si20b06.y |
| 6 263.4 95.1 544 3 BM521370 | BM521370 sal14a08. |
| 7 263.4 95.1 562 3 BM954869 | BM954869 sam74c10. |

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| 1 277 100.0 278 3 US-09-237-183A-2042 | Sequence 2042, Ap |
| 2 277 100.0 278 3 US-09-987-899-4300 | Sequence 4300, Ap |
| 3 265 95.7 1483 7 US-10-425-114-7691 | Sequence 7691, Ap |
| 4 264.6 95.5 273 3 US-09-237-183A-2048 | Sequence 2048, Ap |
| 5 264.6 95.5 273 3 US-09-987-899-4305 | Sequence 4305, Ap |
| 6 264 95.3 277 3 US-09-237-183A-2036 | Sequence 2036, Ap |
| 7 264 95.3 277 3 US-09-987-899-4293 | Sequence 4293, Ap |
| 8 263.4 95.1 1508 7 US-10-425-114-8009 | Sequence 8009, Ap |
| 9 263.4 95.1 1836 7 US-10-424-599-26068 | Sequence 26068, A |

2003/07/2

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| 1 277 100.0 278 9 ADA59888 | Ada59888 Soybean f |
| 2 277 100.0 278 12 ADP61231 | Adp61231 Soybean c |

*had
data*

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| 3 | 265 | 95.7 | 1483 | 13 | ADX13116 | Adx13116 Plant ful |
| 4 | 264.6 | 95.5 | 273 | 9 | ADA59894 | Ada59894 Soybean f |
| 5 | 264.6 | 95.5 | 273 | 12 | ADP61236 | Adp61236 Soybean c |
| 6 | 264 | 95.3 | 277 | 9 | ADA59882 | Ada59882 Soybean f |
| 7 | 264 | 95.3 | 277 | 12 | ADP61224 | Adp61224 Soybean c |
| 8 | 263.4 | 95.1 | 1508 | 13 | ADX13434 | Adx13434 Plant ful |

SEQ ID NO:1108

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| 1 | 116.4 | 97.8 | 458 | 1 | AW066061 | AW066061 687005E08 |
| 2 | 115.8 | 97.3 | 870 | 7 | CO459838 | CO459838 MZCCL1501 |
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SEQ ID NO: 11

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| c 1 | 246 | 96.1 | 616 | 6 | CF013942 | CF013942 QBL12a04. |
| 2 | 246 | 96.1 | 652 | 6 | CD990842 | CD990842 QAZ1c03.y |
| 3 | 246 | 96.1 | 680 | 8 | DR817620 | DR817620 ZM_BFb005 |
| c 4 | 246 | 96.1 | 694 | 3 | BM074427 | BM074427 MEST86-B1 |
| c 5 | 246 | 96.1 | 722 | 6 | CA402746 | CA402746 EL01N0442 |
| 6 | 246 | 96.1 | 748 | 6 | CD444620 | CD444620 EL01N0442 |
| c 7 | 246 | 96.1 | 770 | 6 | CD436896 | CD436896 EL01N0365 |
| 8 | 246 | 96.1 | 780 | 6 | CD435713 | CD435713 EL01N0365 |
| c 9 | 246 | 96.1 | 780 | 8 | DR955866 | DR955866 ZM_BFb005 |
| 10 | 246 | 96.1 | 891 | 6 | CD439210 | CD439210 EL01N0522 |
| 11 | 244.4 | 95.5 | 648 | 6 | CF273190 | CF273190 EST2752 Z |
| 12 | 244.4 | 95.5 | 651 | 6 | CD052336 | CD052336 EST1595 Z |
| 13 | 244.4 | 95.5 | 653 | 7 | CF920046 | CF920046 EST4346 Z |
| 14 | 244.4 | 95.5 | 658 | 7 | CF919866 | CF919866 EST4166 Z |
| 15 | 244.4 | 95.5 | 694 | 7 | CF974880 | CF974880 EST4613 Z |
| 16 | 244.4 | 95.5 | 718 | 6 | CF602468 | CF602468 EST3541 Z |
| c 17 | 244.4 | 95.5 | 745 | 8 | DR802095 | DR802095 ZM_BFb002 |
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| 20 | 244.4 | 95.5 | 786 | 8 | DR802096 | DR802096 ZM_BFb002 |
| 21 | 244.4 | 95.5 | 858 | 7 | CO444034 | CO444034 MZCCL1006 |
| 22 | 244.4 | 95.5 | 885 | 7 | CO450637 | CO450637 MZCCL1015 |
| 23 | 243.4 | 95.1 | 661 | 6 | CF273442 | CF273442 EST3131 Z |
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| 1 | 256 | 100.0 | 256 | 3 | US-09-237-183A-11 | Sequence 11. Appl |
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| 3 | 246 | 96.1 | 519 | 9 | US-10-481-032A-1134 | Sequence 1134, Ap |
| 4 | 246 | 96.1 | 1331 | 8 | US-10-425-115-4445 | Sequence 4445, Ap |
| 5 | 244.4 | 95.5 | 1053 | 7 | US-10-425-114-19733 | Sequence 19733, A |
| 6 | 244.4 | 95.5 | 1060 | 7 | US-10-425-114-19695 | Sequence 19695, A |

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2 256 100.0 256 12 ADP60482
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5 ~~244 95.5~~ 1060 13 ADX36875

Ada57857 Maize trl
Adp60482 Maize ear
Adc08829 Corn DNA
Adx36913 Plant ful
Adx36875 Plant ful